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**INFORMATION DISCLOSURE
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Sheet

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of

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| Complete if Known | |
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| Application No. | 10/789,471 |
| Filing Date | 2/27/2004 |
| First Named Inventor | D'Amato |
| Group Art Unit | 1616 |
| Examiner Name | Unassigned |
| Attorney Docket Number | 05213-3001 (43170-295490) |

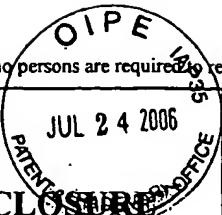
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|-------------------|-----------------------|--|---|-----------------|----------------------------------|
| KB | 1 | Author: ARNOLDI et al. Publ: <u>Journal of Agric. Food Chem.</u> | Title: Sweet Isovanillyl Derivatives: Synthesis and Structure-Taste Relationships of Conformationally Restricted Analogs (Abstract only) | Vol/Iss: 46(10) | Pages: 4002-4010 Date: 1998 |
| | 2 | Author: BHATTACHARYYA et al. Publ: <u>National Academy of Sciences</u> | Title: Tubulin aggregation and disaggregation: Mediation by two distinct vinblastine-binding sites | Vol/Iss: 73 (7) | Pages: 2375 - 2378 Date: 07/1976 |
| | 3 | Author: GOOD, D.J. et al. Publ: <u>Proceedings of the National Academy of Science USA</u> | Title: A Tumor Suppressor-dependent Inhibitor of Angiogenesis is Immunologically and Functionally Indistinguishable from a Fragment of Thrombospondin | Vol/Iss: 87 | Pages: 6624-6628 Date: 09/90 |
| | 4 | Author: HIMES et al. Publ: <u>Cancer Research</u> | Title: Action of the Vinca Alkaloids Vincristine, Vinblastine, and Desacetyl Vinblastine Amide on Microtubules in Vitro | Vol/Iss: 36 | Pages: 3798-3802 Date: 10/1976 |
| | 5 | Author: HOLDEN et al. Publ: <u>Environmental Mutagenesis</u> | Title: Mitotic Arrest by Benzimidazole Analogs in Human Lymphocyte Cultures | Vol/Iss: 2 | Pages: 67-73 Date: 1980 |
| | 6 | Author: MANFREDI et al. Publ: <u>Pharmacology & Therapeutics</u> | Title: Taxol: An Antimitotic Agent with a New Mechanism of Action | Vol/Iss: 25 (1) | Pages: 83-125 Date: 1984 |
| KB | 7 | Author: MARO et al. Publ: <u>Journal of Embryology and Experimental Morphology</u> | Title: Changes in Actin Distribution During Fertilization of the Mouse Egg | Vol/Iss: 81 | Pages: 211-237 Date: 1984 |

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| Examiner Signature | /Kristie Brooks/ | Date Considered | 01/29/2007 |
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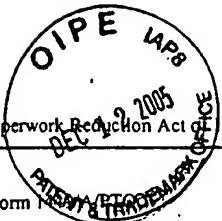
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| KB | 8 | Author: SCHIFF et al. Publ: <u>Molecular Actions and Targets for Cancer</u> <u>Chemotherapeutic Agents</u> | Title: Tubulin: A Target for Chemotherapeutic Agents | Vol/Iss: | Pages: 483-507 Date: 01/01/1981 |
| KB | 9 | Author: YANG, Ning-Sun Publ: <u>Critical Reviews in Biotechnology</u> | Title: Gene Transfer into Mammalian Somatic Cells <i>In Vivo</i> | Vol/Iss: 12 (4) | Pages: 335-356 Date: 1992 |

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| KB | 1 | 4,444,767 | | Torelli et al. | 04/24/1984 | |
| KB | 2 | 6,011,024 | A | Reed | 01/04/2000 | |

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| KB | 3 | Author: GIAN TONDURY et al. | Title: Zur Wirkung Der Sexualhormone Auf Wachstum und Differenzierung (See English Summary Page 55) | | |
| | | Publ: <u>Cambridge Philosophical Society</u> | | | |
| | | Vol/Iss: | Pages: 28-58 | Date: 12/17/1955 | |
| KB | 4 | Author: MOLLENDORFF, W. VON | Title: Wachstumsstörungen durch Geschlechtshormone, nach Untersuchungen an Gewebekulturen | | |
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| | | Vol/Iss: | Pages: 187-202 | Date: 06/12/1941 | |
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|-------------------|-----------------------|----------------------|--------------------------------------|---|---|---|
| | | Number ² | Kind Code ³ (if known) | | | |
| KB | 1 | 5,661,143 | | D'Amato et al. | 08/26/1997 | |
| KB | 2 | 6,011,023 | | Clark et al. | 01/04/2000 | |

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|-------------------|-----------------------|--|---|------------------|---------------------------------|
| KB | 3 | Author: FISHMAN, J. Publ: <u>Journal of the American Chemical Society</u> | Title: Synthesis of 2-Methoxyestrogens | Vol/Iss: 80 | Pages: 1213-1216 Date: 03/05/58 |
| KB | 4 | Author: MUKUNDAN et al. Publ: <u>Hormone and Metabolic Research</u> | Title: Liver Regeneration in Oral Contraceptive Treated Female Rats - Effects of Moderate Malnutrition (Chemical Abstracts Doc. No: 102:143342, 1984) | Vol/Iss: 16 (12) | Pages: 641-645 Date: 12/1984 |

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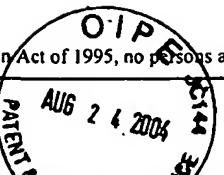
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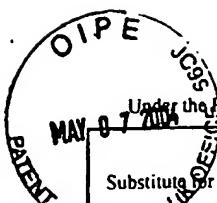
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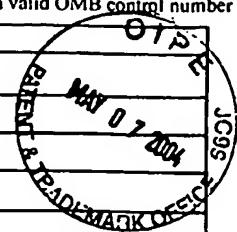
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| | | | | | | Filing Date | 02/27/2004 |
| | | | | | | First Named Inventor | D'Amato |
| | | | | | | Group Art Unit | Unassigned |
| | | | | | | Examiner Name | Unassigned |
| Sheet | 3 | of | 27 | Attorney Docket Number | 05213-3001 (43170-295490) | | |
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| Group Art Unit | Unassigned |
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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

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| Examiner Signature | /Kristie Brooks/ | Date Considered | 01/29/2007 |
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| | | | | Application No. | 10/789,471 |
| | | | | Filing Date | 02/27/2004 |
| | | | | First Named Inventor | D'Amato |
| | | | | Group Art Unit | Unassigned |
| | | | | Examiner Name | Unassigned |
| Sheet | 12 | of | 27 | Attorney Docket Number | 05213-3001 (43170-295490) |

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|-------------------|-----------------------|--|---|------------------|----------------|
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| KB | 107 | Author: GIMBRONE, M.A. et al. Publ: <u>Journal of Experimental Medicine</u> | Title: Tumor dormancy <i>in vivo</i> by Prevention of Neovascularization Vol/Iss: 136 | Pages: 261-276 | Date: 1972 |

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| | | | | First Named Inventor | D'Amato |
| | | | | Group Art Unit | Unassigned |
| | | | | Examiner Name | Unassigned |
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|-------------------|-----------------------|--|-------------------|------------------|----------------|
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| KB | 121 | Author: HORI, A. et al. Title: Suppression of Solid Tumor Growth by Immunoneutralizing Monoclonal Antibody Against Human Basic Fibroblasts Growth Factor Publ: <u>Cancer Research</u> | Vol/Iss: 51 | Pages: 6180-6184 | Date: 11/15/91 |

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| | | | | Group Art Unit | Unassigned |
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| | 124 | Author: INGBER, D. et al. Publ: <u>Nature</u> | Title: Synthetic analogues of fumagillin that inhibit angiogenesis and suppress tumor growth Vol/Iss: 348 Pages: 555-557 Date: 12/06/90 | | |
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| First Named Inventor | D'Amato |
| Group Art Unit | Unassigned |
| Examiner Name | Unassigned |

Attorney Docket Number 05213-3001 (43170-295490)

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| KB | 129 | Author: KELLY et al. Publ: <u>Journal of Clinical Endocrinology Metabolism</u> | Title: The Stimulation of Prostaglandin Production by Two Antiprogestrone Steroids in Human Endometrial Cells (Abstract only) | Vol/Iss: 62 (6) | Pages: 1116-1123 Date: 06/1986 |
| | 130 | Author: KIM, K.J. et al. Publ: <u>Nature</u> | Title: Inhibition of Vascular Endothelial Growth Factor-induced Angiogenesis Suppresses Tumor Growth In Vivo | Vol/Iss: 362 | Pages: 841-844 Date: 04/29/93 |
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| KB | 136 | Author: LI, J., et al. Publ: <u>CAPLUS: Molecular Pharmacology</u> | Title:(DN 103:65176) Catechol Formation of Fluoro- and Bromo-substituted Estradiols by Hamster Liver Microsomes. Evidence for Dehalogenation. (Abstract only) | Vol/Iss: 27 (5) | Pages: 559-565 Date: 1985 |
| | 137 | Author: LICHTENAUER et al. Publ: <u>Deutsches medizinisches Journal</u> | Title:Zur Behandlung des Prostata-Karzinoms | Vol/Iss: 23 | Pages: 248-249 Date: 01/1972 |
| | 138 | Author: LIEN, W. et al. Publ: <u>Surgery</u> | Title:The blood supply of experimental liver metastases. II. A Microcirculatory study of the normal and tumor vessels of the liver with the use of perfused silicone rubber | Vol/Iss: 68 (2) | Pages: 334-340 Date: 08/1970 |
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| KB | 143 | Author: LOOZEN et al. Publ: <u>Recl.: J.R. Neth.Chem. Soc.</u> | Title: An approach to the synthesis of 7. β -amino estrogens (Abstract only) | | |
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Examiner Signature

/Kristie Brooks/

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| | 155 | Author: NAMBARA et al. Publ: <u>Chemical & Pharmaceutical Bulletin</u> | Title: Synthesis of 16 β -Oxygenated Catechol Estrogen Methyl Ethers, New and Potential Metabolites | Vol/Iss: 23 (7) | Pages: 1613-1616 Date: 07/1975 |
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Application No. 10/789,471

Filing Date 02/27/2004

First Named Inventor D'Amato

Group Art Unit Unassigned

Examiner Name Unassigned

Attorney Docket Number 05213-3001 (43170-295490)

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| | 159 | Author: NUMAZAWA et al. Publ: <u>Journal of the Chemical Society</u> | Title: Efficient Synthesis of 2-Methoxy- and 4-Methoxy-Estrogens | Vol/Iss: | Pages: 533-534 Date: 01/01/83 |
| | 160 | Author: NUMAZAWA et al. Publ: <u>Steroids</u> | Title: Novel and Regiospecific Synthesis of 2-Amino Estrogens via Zincke Nitration | Vol/Iss: 41 (5) | Pages: 675-682 Date: 1983 |
| | 161 | Author: OCHS et al. Publ: <u>Cancer Research</u> | Title: Effect of Tumor Promoting Contraceptive Steroids on Growth and Drug Metabolizing Enzymes in Rat Liver (Abstract only) | Vol/Iss: 46 (3) | Pages: 1224-1232 Date: 1986 |
| | 162 | Author: OPPOLZER et al. Publ: <u>Helvetica Chimica Acta</u> | Title: 177. The Enantioselective Synthesis of (+)-Estradiol from 1,3-Dihydrobenzo[c] thiophene-2,2-dioxide by Successive Thermal SO ₂ -Extrusion and Cycloaddition Reactions | Vol/Iss: 63 | Pages: 1703-1705 Date: 1980 |
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| Sheet | 21 | of | 27 | Attorney Docket Number | 05213-3001 (43170-295490) |
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| First Named Inventor | D'Amato |
| Group Art Unit | Unassigned |
| Examiner Name | Unassigned |

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| KB | 170 | Author: RAO et al. Publ: <u>Synthesis</u> | Title: A Novel, Two-Step Synthesis of 2-Methoxyestradiol | |
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| | | | | First Named Inventor | D'Amato |
| | | | | Group Art Unit | Unassigned |
| | | | | Examiner Name | Unassigned |
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| | | | | First Named Inventor | D'Amato |
| | | | | Group Art Unit | Unassigned |
| | | | | Examiner Name | Unassigned |
| Sheet | 23 | of | 27 | Attorney Docket Number | 05213-3001 (43170-295490) |

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| KB | 178 | Author: SEEGERS et al. Publ: <u>Joint MCI-1st Symposium, Third 1st International Symposium, Biology and Therapy of Breast Cancer.</u> | Title: Cyclic-AMP and Cyclic-GMP Production in MCF-7 Cells Exposed to Estradiol-17 Beta, Catecholestrogens and Methoxy-Estrogens in MCF-7 Cells (Meeting Abstract only) | | |
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Sheet 24 of 27 Attorney Docket Number 05213-3001 (43170-295490)

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| Application No. | 10/789,471 |
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| First Named Inventor | D'Amato |
| Group Art Unit | Unassigned |
| Examiner Name | Unassigned |

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| | 194 | Author: UTNE et al. Title: The Synthesis of 2- and 4-Fluoroestradiol Publ: <u>Journal of Organic Chemistry</u> | Vol/Iss: 33 (6) | Pages: 2469-2473 | Date: 06/1968 |
| | 195 | Author: VAN GEERESTEIN et al. Title: Structure of 11.beta.-(4-(dimethylamino)phenyl)-17.beta.-hydroxy-17. alpha.-(2-propenyl) estra-4,9-dien-3-one (Identifier only) Publ: <u>Acta Crystallogr., Sect. C: Cryst. Struct. Commun.</u> | Vol/Iss: C43 (2) | Pages: 319-322 | Date: 1987 |
| | 196 | Author: VAN TAMELEN et al. Title: The Synthesis of Colchicine Publ: <u>Tetrahedron</u> | Vol/Iss: 14 (1/2) | Pages: 8-34 | Date: 09/1961 |
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| KB | 198 | Author: WANG et al. Title: Photoaffinity Labeling of Human Placental Estradiol 17.beta.-dehydrogenase with 2-And 4-azidoestrone, 2- and 4-azidoestradiol (abstract Only) Publ: <u>Shengwu Huaxue Zazhi</u> | Vol/Iss: 8 (6) | Pages: 715-718 | Date: 1992 |

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| KB | 199 | Author: WEIDNER, N. et al. Publ: <u>Journal of the National Cancer Institute</u> | Title: Tumor angiogenesis: A New Significant and Independent Prognostic Indicator in Early-Stage Breast Carcinoma | Vol/Iss: 84 | Pages: 1875-1887 Date: 12/16/92 |
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| | 203 | Author: WHEELER et al. Publ: <u>Mutation Research</u> | Title: Mitotic Inhibition and Aneuploidy Induction by Naturally Occurring and Synthetic Estrogens in Chinese Hamster Cells in Vitro | Vol/Iss: 171 | Pages: 31-41 Date: 07/1986 |
| | 204 | Author: WHEELER et al. Publ: <u>Cell Motility and the Cytoskeleton</u> | Title: Mitotic Inhibition and Chromosome Displacement Induced by Estradiol in Chinese Hamster Cells (Chemical Abstracts Doc. No: 105:54822, 1986) | Vol/Iss: 7 (3) | Pages: 235-247 Date: 1987 |
| KB | 205 | Author: WHITE et al. Publ: <u>The New England Journal of Medicine</u> | Title: Treatment of Pulmonary Hemangiomatosis with Recombinant Interferon Alfa-2a | Vol/Iss: 32 (18) | Pages: 1197-1200 Date: 05/04/89 |

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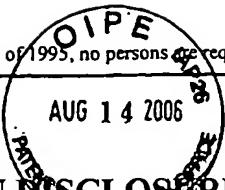
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| | | | | Application No. | 10/789,471 |
| | | | | Filing Date | 02/27/2004 |
| | | | | First Named Inventor | D'Amato |
| | | | | Group Art Unit | Unassigned |
| | | | | Examiner Name | Unassigned |
| Sheet | 27 | of | 27 | Attorney Docket Number | 05213-3001 (43170-295490) |

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| Examiner Signature | /Kristie Brooks/ | Date Considered | 01/29/2007 |
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| | | | | | | Group Art Unit | | 1616 | |
| | | | | | | Examiner Name | | Unassigned | |
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